

*Kleinrock*

SPADE Administrative Note #63

S. Crocker  
9 December 70  
10:00 a.m.

NW Measurements Meeting

Ari, Jerry, Bill, Jon, Chuck, Steve, met in conference room.

Impsys 24 may have bugs in the code and in the formats.

Pseudo messages clobber Imp prog.

Nine Imps are currently connected to the Network.

Crocker: What is significance of statistics?

Cole: Good for experiments on routing.

Crocker: Suppose I want to know peak, mean traffic over Network.

Cole: Trace facility yeilds

time of entry

priority

time of attachment to queues

time of exit

time of first bit into Host

time of last bit into Host

acknowledgement times

link number, source, destination

message number

packet number

Steve or Jerry will ask BB&N to include # words/packet in trace statistics.



S. Crocker  
9 December 70  
10:00 a.m.

With respect to the Time-Sharing System

Handler is up

Simple Network Process is up

Nettest is up

Ari, Jon and Chuck feel that

Control statistics via parameter change program in Imp; Use Imp TTY

There should exist a User level SEX program not requiring a console, receives measurement messages, and formats them into file(s).

A postprocessor can then process all of the data.

At first we'll turn on statistics at Utah and SRI and dump on the Imp Teletype.

Bill will take responsibility for building measurement programs.

1. Chuck will write (today!) all that's needed in order to interface to the current Simple Network Process.
2. Jerry, Ari and Bill will design the programs for background processing of measurements under SEX.
3. Ari and Jerry will contact BB&N (today!) to find out when the statistics program fixed.
4. Anita will be trained to start/stop statistics.
5. We will turn on statistics on the Imp TTY (today!)